THE UNITED STATES PATENT AND TRADEMARK OFFICE

(s):Daniel Yap, et al.

) Re: Information Disclosure

Patent

Statement

Serial No.: 10/824,197

Group: 2633

Filed: April 13, 2004

APR 1.1 2006

) Examiner: not yet assigned

) Our Ref:B-4711 620051-9

"METHOD AND APPARATUS FOR WAVEFORM ) Date: April 6, 2006 For:

GENERATION"

Commissioner for Patents P.O. Box 1450 Alexandria VA, 22313-1450

## Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits. Copies of the Foreign Patent Documents and non-patent documents listed on the enclosed Form PTO-1449 (modified) are enclosed. Copies of the : U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed in accordance with 37 C.F.R. § 1.98(a) (2) (ii).

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The Applicants believe that this IDS is being submitted before the issuance of a first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance. Therefore, no official fees should be due; and this IDS should be considered on the merits. If this IDS is being submitted after the issuance of the first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance, please contact the undersigned to authorize a payment of \$180.00 (or any other required amount), which is the fee set forth in 37 C.F.R. § 1.97(c), if the Examiner believes that such a fee is due in order for this IDS to be considered on the merits.

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The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450",

on April 6, 2006 by Guillermo Gonzalez.

Respectfully submitted,

Robert Popa Attorney for Applicant

Reg. No. 43,010

LADAS & PARRY 5670 Wilshire Boulevard Suite 2100 Los Angeles, CA 90036 (323) 934-2300

Enclosures: Form PTO-1449 (modified)(1 page)

Copies of Non-Patent documents listed on Form PTO-1449 (modified)

APR 1:1 2006 Information Disclosure Statement
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Fage 3

Form PTO-1449 (Modified) Page 1 of 1 LIST OF PATENTS AND PUBLICATIONS STATEMENT	ATTY DOCKET NO. B-4711 620051-9	<i>u.s. serial no.</i> 10/824,197	
	APPLICANTS Daniel Yap, et al.		
	FILING DATE April 13, 2004	GROUP 2633	

			U.S. I	PATENT	DOCUMENTS
DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
6,195,187	2/2001	Soref, et al.	398	9	
6,940,878	9/2005	Orenstein, et al.	372	20	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Logan Jr., R., et al., "All-Optical Heterodyne RF Signal Generation Using a Modelocked-laser Frequency Comb: Theory and Experiments", <i>Microwave Symposium Digest</i> , 200 IEEE MTT-S Internal Volume 3, pp. 1741-1744 (June 2000)	
H	Gliese, U, et al., "A wideband heterodyne optical phase-locked loop for generation of 3-18 GHZ microwave carries", <i>IEEE Photonics Technology Letters</i> , Volume 4, pp.936-938 (August 1992)	

EXAMINER	DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant